

DETAILED ACTION
EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Elliott Y. Chen (Reg. No. 58,293) on 9/23/08.

The application has been amended as follows:

Please amend claim 29 as follows:

29. An apparatus according to claim ~~28~~ 27, wherein the ~~instruction to hash function~~ further includes an ~~instruction to execute an~~ MD5 hashing algorithm ~~on the stringed function names~~.

3. Please change the status of claims 12-15, 21-25 and 30-34 from (Withdrawn) to (Cancelled).

Allowable Subject Matter

4. Claims 1-3, 6-11, 16, 18-20, 26-27, 29, 35, 37-44 are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art on record Garst et al. (US 6,188,995) discloses a method for enforcing software licenses for resource libraries such as an application program

interface, a toolkit, a framework, a runtime library, a dynamic library an applet, or any other reusable resource by allowing the resource library to be selectively used only by authorized end user software programs. A license text string and a corresponding license key are embedded in a program that has been licensed to use a resource library. The text string and the license key are supplied by a resource library vendor to a program developer who wants to use the resource library with an end user program being developed. The resource library in turn is provided with means for reading the license text string and the license key and for determining, using the license key whether the license text string is authentic and whether the license text string has been altered. Resource library functions are made available only to a program having an authentic and unaltered license string.

Jones et al. (US 6,629,154) discloses a system to uniquely identify a remote method to invoke on a server using a hash value computed from the method signature sent from the client to the server with the call request. When a client wishes to invoke a remote method located on a server, the client sends a hash value of identifying the remote method to the server in the "remote method invocation" call. When the server receives the RMI call, the server identifies which method is being called using the received hash value.

Shaughnessy (US 6,026,235) discloses a development system having a monitor/profiler tool for monitoring functions in natively compiled software programs. The tool can monitor any function in software application which has debug info. The system employs intercepting all calls to all functions to determine the names and

address locations of all functions in an application which is found in the import tables of shared libraries are scanned to collect function name and address information .

Functions imported from shared libraries are easily patched using conventional technique, since the import table itself can be patched directly.

5. With respect to claim 1: The prior art on record either taken singularly or in combination failed to disclose specifically *"generating a list of resource signatures, each of the resource signatures being generated based at least on a plurality of function names included in an import table of a corresponding resource; generating a verification signature for a requested resource, wherein generating a verification signature includes: retrieving a plurality of names from the import table, wherein the plurality of names include function names; sorting the retrieved names; concatenating the sorted names; and executing a cryptographic manipulation of the concatenated names; comparing the verification signature for the requested resource to the list of resource signatures; executing the requested resource if the resource signature matches the verification signature and the accessibility status is loadable,"* including all the other limitation cited in claim 1.

6. Independent claims 16, 26, 35 and 41 include limitations with the same concept and idea, therefore, are allowed for the same reason as claim 1.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SHEWAYE GELAGAY whose telephone number is (571)272-4219. The examiner can normally be reached on 8:00 am to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on 571-272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. G./
Examiner, Art Unit 2137

/Emmanuel L. Moise/
Supervisory Patent Examiner, Art Unit 2137